

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/105439 A1

(51) International Patent Classification?: H04L 29/06

(21) International Application Number: PCT/GB02/02648

(22) International Filing Date: 10 June 2002 (10.06.2002)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): CAPLIN SYSTEMS LIMITED [GB/GB]; Mercury House, Triton Court, 14 Finsbury Square, London EC2A 1BR (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): HAWLEY, Adam, Stanley, James [GB/GB]; 141 The Manor Drive, Worcester Park, Surrey KT4 7LN (GB).

(74) Agents: WALASKI, Jan et al.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

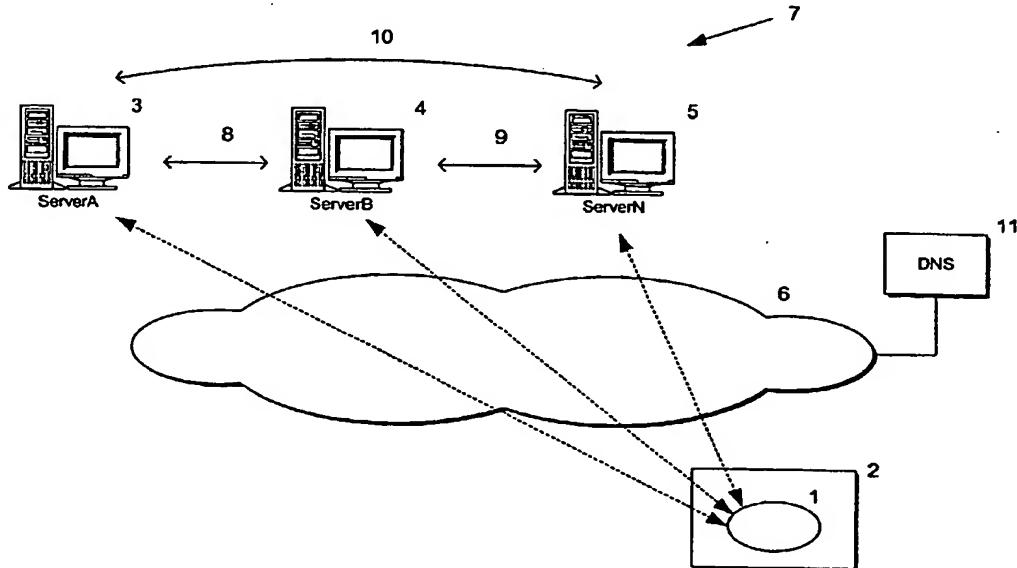
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RESOURCE MANAGEMENT



WO 03/105439 A1



(57) **Abstract:** A method of load balancing for establishing persistent connections over the Internet, in which a client connects to a server and receives a list of servers capable of providing a service, together with status information indicating which of the servers are available, the number of users currently being served by each server and a priority grouping to which each server belongs. Based on the list, the client makes a decision as to the server that is to provide the service.